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UNITED STATES TESTING COMPANY

INCORPORATED

GENERAL OFFICES 1415 PARK AVENUE

HOBOKEN, N. J.

April 19, 1960

David Clark Company, Inc.
360 Park Avenue
Worcester 2, Massachusetts

Attention: [REDACTED] 25X1A

Gentlemen:

This is in reply to your letter of January 4, 1960 in reference to our test report number 63150. We must apologize for this long delay; however, the letter had somehow been placed in our completed correspondence file.

The ozone exposure performed by this laboratory was an attempt to determine if the differences in tensile strength and elongation between the submitted exposed and unexposed materials was indicative of a long or short term exposure to an atmosphere containing ozone.

It should be noted at this point, that at the time the program was initiated and during the course of the program, the fact that the exposed material was in service for a period of three years was not known by this laboratory.

On this basis, it appears that no appreciable deleterious effects had occurred during the service life of the exposed material. The differences obtained in the tensile strength and elongation values between the submitted exposed and unexposed may also be attributed to natural aging effects encountered in service over a period of three years.

Generally, neoprene rubber is rated as having excellent resistance to ozone and natural aging, and good resistance to heat aging among the general-utility elastomers.

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NO CHANGE IN CLASS. ☐
☐ DECLASSIFIED
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NEXT REVIEW DATE:
AUTH: HR 70-2
DATE: 03/28/ REVIEWER: 010956

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We appreciate the opportunity of being of further service in this matter. Should there be further questions, please do not hesitate to contact us.

Very truly yours,

UNITED STATES TESTING COMPANY, INC.

25X1A

Materials Department

JL:ss